Express Mail #EV339222770US Filed: 12/30/03; File No. NCR 11196 Inventors: Paul L. Sinclair, et al. For: Partition Join in a Partitioned . . . Contact: John D. Cowart/858-485-4903 Sheet 1 of 10 Nodes 105<sub>2.0</sub> - 100 PROCESSING MODULE ROW Z 135 140 MAINFRAME CLIENT SYSTEM 115 PROCESSING MODULE ROW 3 PARSING ENGINE 1102  $120_{2}$ NETWORK PROCESSING MODULE ROW 2 120, PROCESSING MODULE ROW Node  $105_1$ 

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Sheet 2 of 10

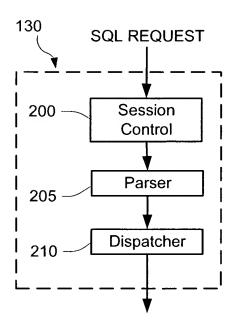


FIG. 2

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Sheet 3 of 10

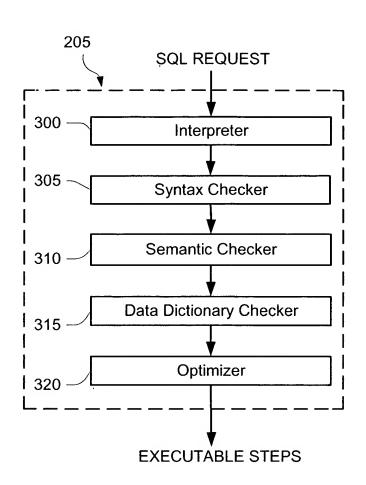
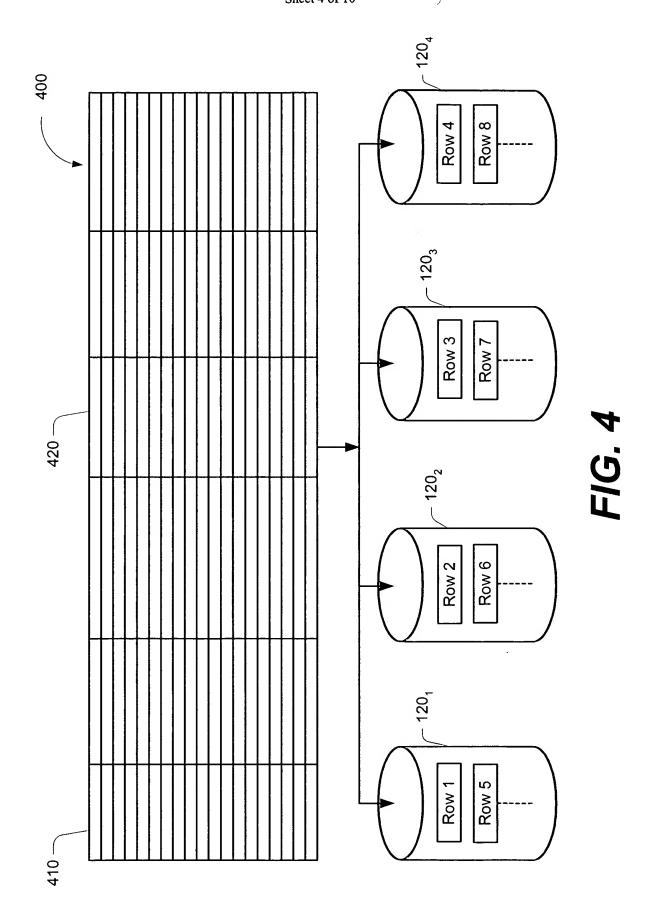


FIG. 3

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Contact: John D. Cowart/858-485-4903
Sheet 4 of 10



Express Mail #EV339222770US
Filed: 12/30/03; File No. NCR 11196
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For: Partition Join in a Partitioned . . .
Contact: John D. Cowart/858-485-4903
Sheet 5 of 10

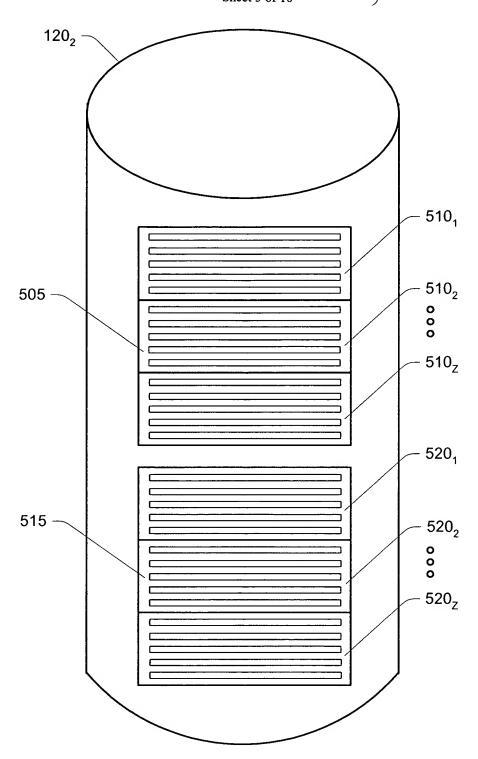
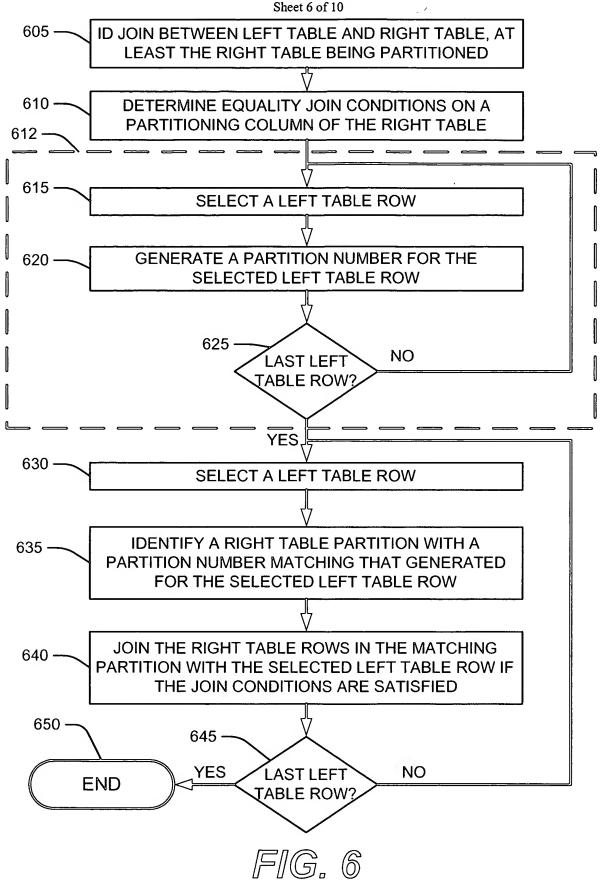


FIG. 5

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For: Partition Join in a Partitioned . . .
Contact: John D. Cowart/858-485-4903
Sheet 7 of 10

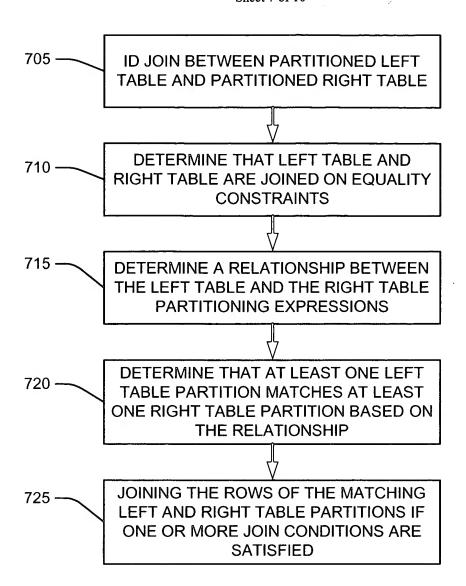


FIG. 7

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Sheet 8 of 10

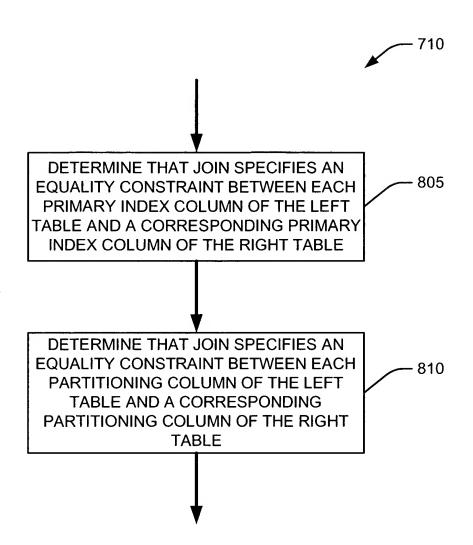


FIG. 8

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Sheet 9 of 10

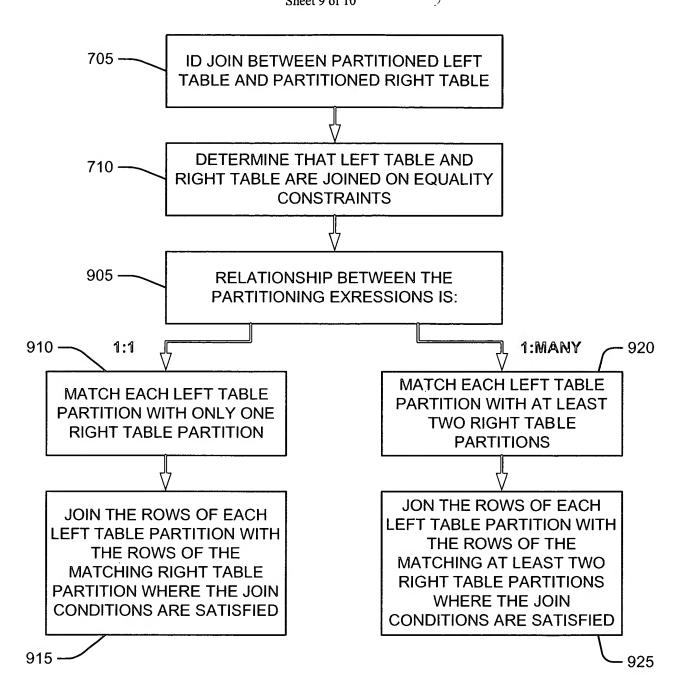
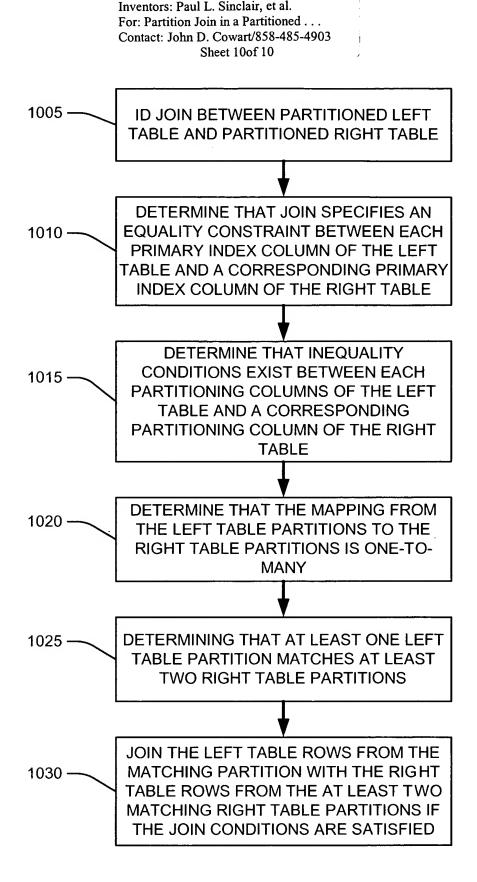


FIG. 9



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FIG. 10